

ABSTRACT

5 The invention relates to a composition for topical application to the skin comprising effective amounts of a protease inhibitor and a cell differentiation enhancer. The composition is useful in promoting skin lipid barrier repair and maintaining the integrity of the lipid barrier. In this regard, the compositions can be used in the treatment and prevention of dry skin, and associated chrono/photo-aging conditions, in the treatment and prevention of irritation on the skin, in the treatment and prevention of UV-
10 related damage to the skin, and in the enhancement of the retention of self-tanning.